

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b> <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		<table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;"><b>Attorney Docket No.</b></td><td style="width: 50%; text-align: center;">TI 35564</td></tr><tr><td><b>First Inventor</b></td><td style="text-align: center;">Kaiping Liu</td></tr><tr><td><b>Title</b></td><td style="text-align: center;">A SEMICONDUCTOR DEVICE HAVING AN IMPLANTED PRECIPITATE REGION AND A METHOD OF MANUFACTURE THEREFOR</td></tr><tr><td><b>Express Mail Label No.</b></td><td style="text-align: center;">EV 316267092 US</td></tr></table>	<b>Attorney Docket No.</b>	TI 35564	<b>First Inventor</b>	Kaiping Liu	<b>Title</b>	A SEMICONDUCTOR DEVICE HAVING AN IMPLANTED PRECIPITATE REGION AND A METHOD OF MANUFACTURE THEREFOR	<b>Express Mail Label No.</b>	EV 316267092 US										
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<b>APPLICATION ELEMENTS</b> <small>See MPEP chapter 600 concerning utility patent application contents.</small>		<b>ADDRESS TO:</b> Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria VA 22313-1450																		
<div style="display: flex; justify-content: space-between;"><div style="width: 48%;"><p>1. <input checked="" type="checkbox"/> <b>Fee Transmittal Form</b> (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></p><p>2. <input type="checkbox"/> <b>Applicant claims small entity status.</b> <small>See 37 CFR 1.27.</small></p><p>3. <input checked="" type="checkbox"/> <b>Specification</b> [Total Pages <u>28</u>] <small>(preferred arrangement set forth below)</small> - Descriptive title of the invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R &amp; D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p><p>4. <input checked="" type="checkbox"/> <b>Drawing(s)</b> (35 U.S.C. 113) [Total Sheets <u>8</u>]</p><p>5. <b>Oath or Declaration</b> [Total Sheets <u>1</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 18 completed)</small> i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p><p>6. <input type="checkbox"/> <b>Application Data Sheet.</b> See 37 CFR 1.76</p></div><div style="width: 48%;"><p>7. <input type="checkbox"/> <b>CD-ROM or CD-R</b> in duplicate, large table or Computer Program (Appendix)</p><p>8. <b>Nucleotide and/or Amino Acid Sequence Submission</b> (if applicable, all necessary) a. <input type="checkbox"/> Computer Reader Form (CRF) b. <b>Specification Sequence Listing on:</b> i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper c. <input type="checkbox"/> Statements verifying identity of above copies</p></div></div>		<b>ACCOMPANYING APPLICATION PARTS</b> <p>9. <input checked="" type="checkbox"/> <b>Assignment Papers</b> (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> <b>37 CFR 3.73(b) Statement</b> <input type="checkbox"/> <b>Power of Attorney</b> <small>(when there is an assignee)</small></p> <p>11. <input type="checkbox"/> <b>English Translation Document</b> (if applicable)</p> <p>12. <input checked="" type="checkbox"/> <b>Information Disclosure Statement (IDS)/PTO-1499</b> <input checked="" type="checkbox"/> <b>Copies of IDS Citations</b></p> <p>13. <input type="checkbox"/> <b>Preliminary Amendment</b></p> <p>14. <input checked="" type="checkbox"/> <b>Return Receipt Postcard (MPEP 503)</b> <small>(Should be specifically itemized)</small></p> <p>15. <input type="checkbox"/> <b>Certified Copy of Priority Document(s)</b> <small>(if foreign priority is claimed)</small></p> <p>16. <input type="checkbox"/> <b>Nonpublication Request</b> under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> <b>Other:</b> .....</p>																		
<p>18. If a <b>CONTINUING APPLICATION</b>, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an <b>Application Data Sheet</b> under 37 CFR 1.76:</p> <div style="display: flex; justify-content: space-between;"><div><input type="checkbox"/> Continuation</div><div><input type="checkbox"/> Divisional</div><div><input type="checkbox"/> Continuation-in-part (CIP)</div><div>of prior application No.: .....</div></div> <p><small>Prior application information: Examiner _____ Art Unit: _____</small> <b>For CONTINUATION OF DIVISIONAL APPS only:</b> The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p>																				
<b>19. CORRESPONDENCE ADDRESS</b> <div style="display: flex; align-items: center;"><input checked="" type="checkbox"/> <b>Customer Number</b> <span style="border: 1px solid black; padding: 2px 20px;">27964</span> OR <input type="checkbox"/> <b>Correspondence address below</b></div> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td colspan="2">Name</td></tr><tr><td colspan="2">Address</td></tr><tr><td>City</td><td>State</td></tr><tr><td>Country</td><td>Zip Code</td></tr><tr><td>Telephone</td><td>Fax</td></tr></table> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%;">Name (Print/Type)</td><td style="width: 30%;">Greg H. Parker</td><td style="width: 30%;">Registration No. (Attorney/Agent)</td><td style="width: 10%;">44,995</td></tr><tr><td>Signature</td><td></td><td>Date</td><td>09/17/2003</td></tr></table>			Name		Address		City	State	Country	Zip Code	Telephone	Fax	Name (Print/Type)	Greg H. Parker	Registration No. (Attorney/Agent)	44,995	Signature		Date	09/17/2003
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This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)  
934.00

## Complete if Known

Application Number	N/A
Filing Date	Herewith
First Named Inventor	Kaiping Liu
Examiner Name	N/A
Art Unit	N/A
Attorney Docket No.	TI 35564

## METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:

Deposit Account Number	20-0668
Deposit Account Name	Texas Instruments Incorporated

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 750	2001 375	Utility filing fee	750.00
1002 330	2002 165	Design filing fee	
1003 520	2003 260	Plant filing fee	
1004 750	2004 375	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$) 750.00

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
28	-20** = 8	18.00	144.00
3	-3** = 0	84.00	0.00
Multiple Dependent			

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	** Reissue independent claims over original patent
1205 18	2205 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)  
144.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity | Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath			
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet			
1053 130	1053 130	Non-English specification			
1812 2,520	1812 2,520	For filing a request for <i>ex parte</i> reexamination			
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action			
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action			
1251 110	2251 55	Extension for reply within first month			
1252 410	2252 205	Extension for reply within second month			
1253 930	2253 465	Extension for reply within third month			
1254 1,450	2254 725	Extension for reply within fourth month			
1255 1,970	2255 985	Extension for reply within fifth month			
1401 320	2401 160	Notice of Appeal			
1402 320	2402 160	Filing a brief in support of an appeal			
1403 280	2403 140	Request for oral hearing			
1451 1,510	1451 1,510	Petition to institute a public use proceeding			
1452 110	2452 55	Petition to revive - unavoidable			
1453 1,300	2453 650	Petition to revive - unintentional			
1501 1,300	2501 650	Utility issue fee (or reissue)			
1502 470	2502 235	Design issue fee			
1503 630	2503 315	Plant issue fee			
1460 130	1460 130	Petitions to the Commissioner			
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)			
1806 180	1806 180	Submission of Information Disclosure Stmt			
8021 40	8021 40	Recording each patent assignment per property (times number of properties)			40.00
1809 750	2809 375	Filing a submission after final rejection (37 CFR 1.129(a))			
1810 750	2810 375	For each additional invention to be examined (37 CFR 1.129(b))			
1801 750	2801 375	Request for Continued Examination (RCE)			
1802 900	1802 900	Request for expedited examination of a design application			

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)  
40.00

## SUBMITTED BY

Name (Print/Type)

Greg H. Parker

Registration No.

44,995

(Attorney/Agent)

(Complete if applicable)

Telephone (972) 480-8800

Signature

Date

09/17/2003

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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